

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): A biochemical analysis unit, comprising: i) a base plate, which has a plurality of holes, and ii) a porous adsorptive material, which is filled in each of the plurality of the holes of the base plate and forms each of a plurality of adsorptive regions, wherein each of the adsorptive regions is provided with a signal absorbing layer for absorbing a noise signal, ~~which will otherwise be detected from the adsorptive region~~ that comes from a labeled receptor or a labeled ligand having been agglomerated or an enzyme-labeled antibody having clogged the porous adsorptive regions of the biochemical analysis unit.

2. (Original) A biochemical analysis unit as defined in claim 1 wherein the base plate is constituted of a material having radiation attenuating properties and/or light attenuating properties.

3. (Original) A biochemical analysis unit, comprising: i) a base plate, which has a plurality of holes, and ii) a porous adsorptive material, which is filled in each of the plurality of the holes of the base plate and forms each of a plurality of adsorptive regions, the porous adsorptive material, which constitutes each of the adsorptive regions, being connected with the porous adsorptive material, which constitutes an adjacent adsorptive region, at one of surfaces of the base plate, wherein the biochemical analysis unit further comprises a signal absorbing layer

for absorbing a signal, which passes through the porous adsorptive material that is connected at the one surface of the base plate, and which thus propagates from a certain hole of the base plate toward an adjacent hole of the base plate.

4. (Original) A biochemical analysis unit as defined in claim 3 wherein the signal absorbing layer is formed at only an area of a continuous region of the porous adsorptive material that is connected at the one surface of the base plate, which area is located just under the base plate and is other than the areas of the adsorptive regions formed in the holes of the base plate.

5. (Original) A biochemical analysis unit as defined in claim 3 wherein the signal absorbing layer is formed at only an area, which is located just under each of the adsorptive regions formed in the holes of the base plate.

6. (Original) A biochemical analysis unit as defined in claim 3 wherein the signal absorbing layer is formed over an entire area of a continuous region of the porous adsorptive material that is connected at the one surface of the base plate.

7. (Original) A biochemical analysis unit as defined in claim 3 wherein the base plate is constituted of a material having radiation attenuating properties and/or light attenuating properties.

8. (Original) A biochemical analysis unit as defined in claim 4 wherein the base plate is constituted of a material having radiation attenuating properties and/or light attenuating properties.

9. (Original) A biochemical analysis unit as defined in claim 5 wherein the base plate is constituted of a material having radiation attenuating properties and/or light attenuating properties.

10. (Original) A biochemical analysis unit as defined in claim 6 wherein the base plate is constituted of a material having radiation attenuating properties and/or light attenuating properties.